hsp68 / lacZ

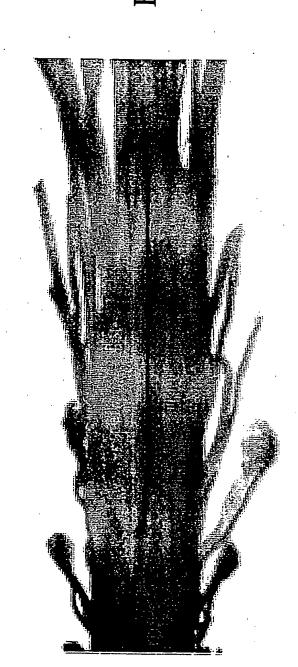
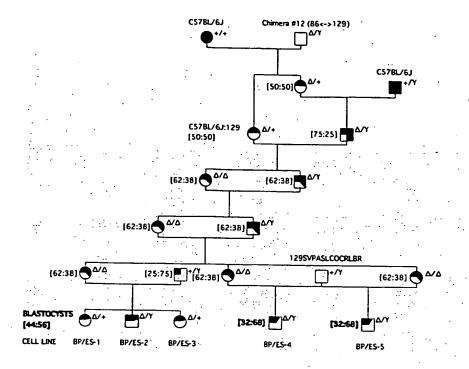


Figure 1





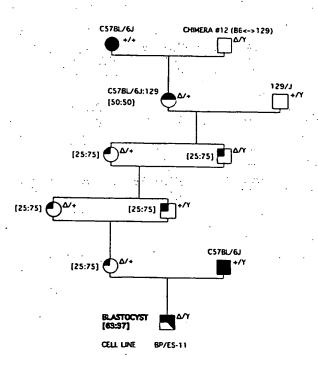
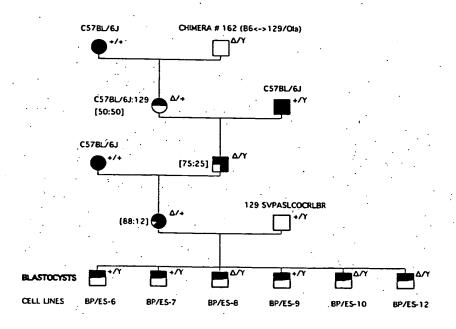


Figure 2



Predicted genetic composition of BP/ES HPRT null cell lines:

(Lines 4, 5)

31% C57BL/6

19% 129/Ola

50%

129/SVPASCOCRLBR

(Lines 8, 10, 12)

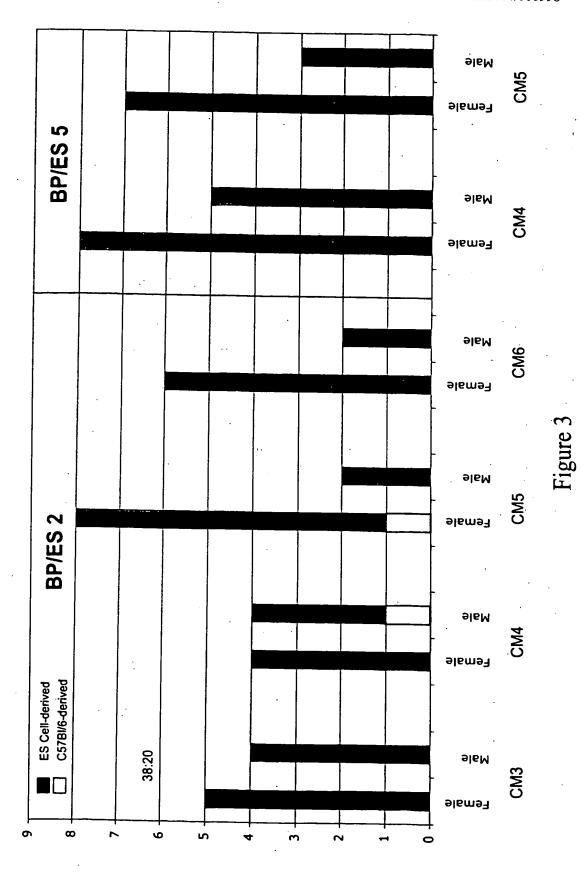
44% C57BL/6

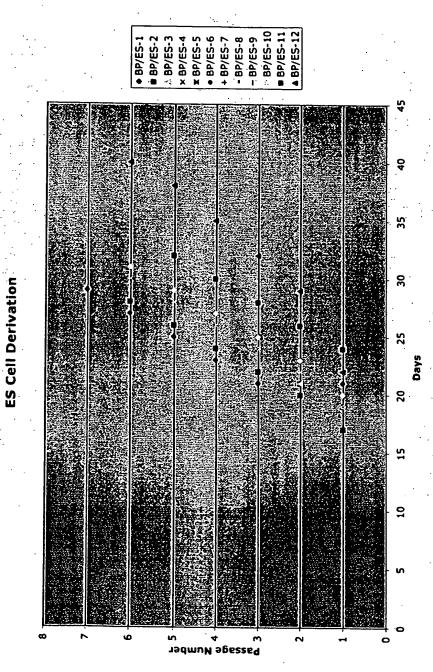
6% 129/Ola

50%

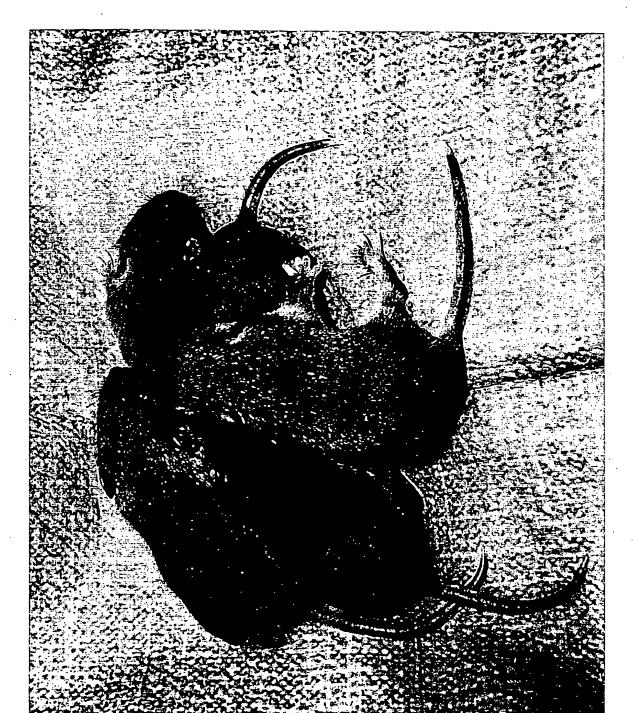
129/SVPASCOCRLBR

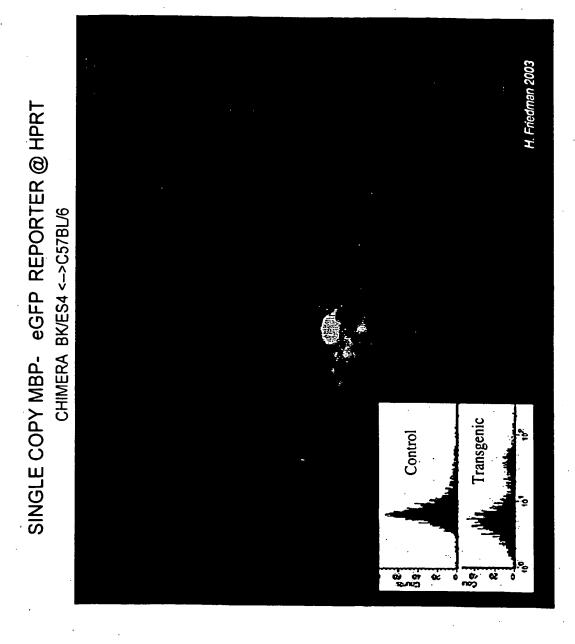
Figure 2 cont.



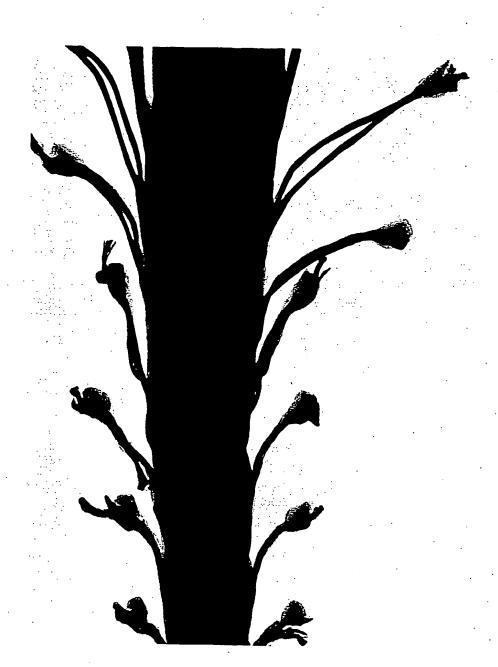


5/14





7/14



Post-Transfection

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		12	P4	PS	2	2	2	2
		2	P3	7	P2 P3 P4 P5	. 2	2	P2 P3 P4 P5 P6
		5	P2	64	2	-		2
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			NFH-1-1		S2-19-1	1.9kb LacZ-10 T	44bp-2	hM4e-7

= Transfection

S = # of days under selection

= Cloning initiated

= Injection (Pas = passage #; F = recipient #)

Cesarean section = Day of birth

= # of days post-natal

5/7 (71%)

44% germ line only

first litters

71% (88 progeny)

CONSTRUCTS TO GERM LINE

TRANSMITTING

CONSTRUCT

CLONES/ CONSTRUCT

CONSTRUCTS

ES LINE

LAST 7

BK4

CHIMERAS BRED/

CHIMERAS

2/7 (29%)

8% (1135 progeny)

multiple litters

33% effort 18 % effort <7º		<7% effort	
· .			
33% effort	·	18 % eff	
		33% effort	

Figure 9

FIRST 7

BPES/5

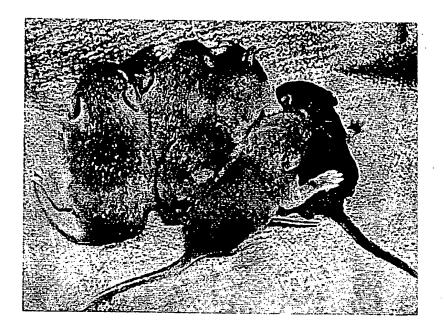


Figure 10

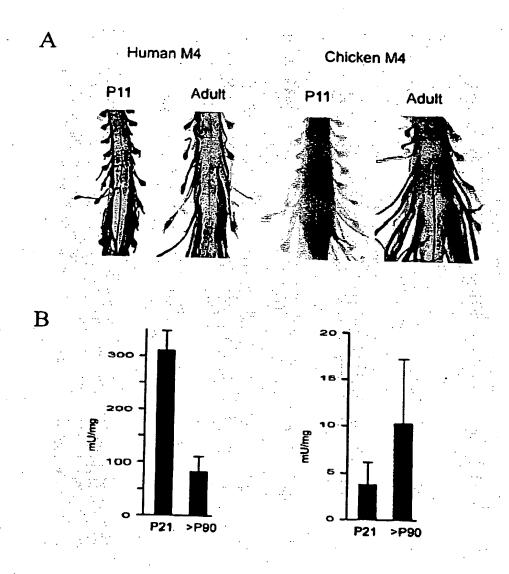


Figure 11

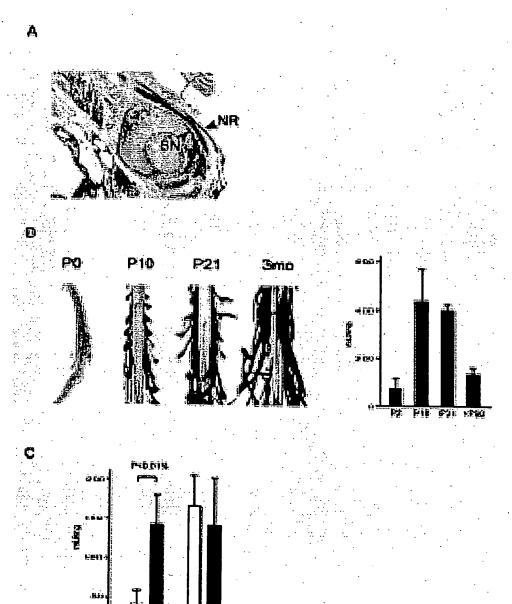


Figure 12

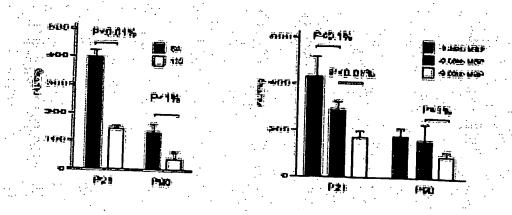


Figure 13